SHARP

香港電器安全規格
（國際電工委員會規格適合）

LC-19LE330H
LC-24LE330H
LC-32LE330H

液晶彩色電視機
LCD COLOUR TELEVISION

使用說明書
OPERATION MANUAL





HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

DOLBY
DIGITAL PLUS

中文

ENGLISH

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關於安全的重要注意事項

1、仔細閱讀安全注意事項。
2、保存好此注意事項。
3、留意所有警告。
4、嚴格執行安全注意事項。
5、請勿在靠近水的地方使用此機器。
6、只能用乾抹布拭擦機器。
7、不要堵塞任何散熱孔，按照注意事項安裝。
8、請勿在靠近熱源的地方使用此機器，例如發熱器，電熱器，火爐或者其他可以產生熱量的東西（包括擴音器在內）。
9、請勿破壞電源插頭。如果隨機的插頭不適合您的插座，請向電工要求更換合適的插座。
10、請勿踩踏或擠壓電源線，特別是位於插頭，插座及由電視機連接處。
11、只能使用製造商指定的附件。
12、雷電天氣或者長時間不使用時，請注意拔掉插頭。
13、請找合格的維修人員維修機器。只要機器有損壞，就需進行維修，例如電源線或者電源插頭的損壞，機器內部有液體進入，或者機器遭重物碰撞，遭雨淋或者受潮，機器運行不正常，或者掉落。
14、主插頭用作斷電設備，此設備需時常保持正常。
15、散熱孔不應被任何東西覆蓋，例如報紙，抹布，窗簾等。
16、任何火源，例如燃燒的蠟燭，都不能放在機器上。
17、注意保護環境，不要隨意丟棄廢棄的電池。
18、在適合的氣候中使用機器。
19、機器不應暴露在滴水或者有水花的地方。任何含有液體的物品，例如花瓶，都不能放在機器上。



注意

有觸電危險，請勿打開！



警告

為了防止觸電，請勿拆除後殼，內部並沒有用戶可自行維修的部件，請聯絡合格的維修人員進行維修。



此標誌說明機器內含高壓部件，小心觸電。

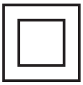


此標誌說明電視機附件中含有重要的操作以及維護說明。

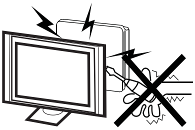
警告:

為了防止火災和觸電，請勿將此機器置於雨中或潮濕的地方。

電池(電池包裝或組合電池)不得暴露在如日照、火焰或類似過熱環境中。

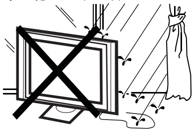


此標誌說明此產品在高壓以及用戶可接觸的物件中含有雙絕緣部件。
只能使用相同的更換件。



警告

機器內含高壓部分。請勿打開後殼。如需要維修，請聯絡合格的維修人員。



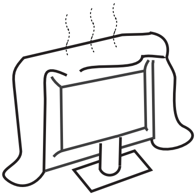
警告

爲了防止火災或觸電，請勿將機器置於雨中或潮濕處。



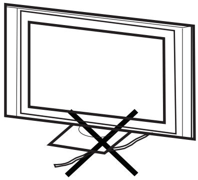
警告

請勿將任何物件置於或放進機器內部、散熱孔或其他開口處。不要將液體濺到機器上。



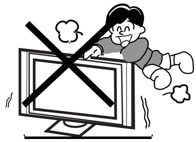
注意

請勿堵塞後殼上的任何散熱孔。良好的通風是防止電器故障的關鍵。



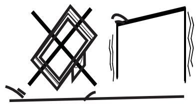
注意

請勿將電源線繞在機器底部。



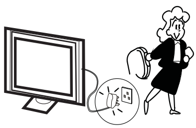
注意

請勿站在，靠在或者撞擊機器或其底座。應特別注意兒童。如果電視打翻，可能造成嚴重傷害。



注意

不要將機器放在不穩定的椅子，底座，支架或桌子上。如果機器打翻，可能對人或者電視造成很大的損傷。



注意

當電視長時間不使用時，建議將電源線拔掉。

非常感謝您購買我們的電視。爲了讓你安全無憂的使用此產品，請仔細閱讀此說明書。請小心保存此說明書，以便隨時參考。

注意

請勿擅自改動電視內部的部件，或者其他在說明書中沒有提到的控件。所有的液晶電視都含有高壓部件。在清潔機器之前，請先拔掉電源線，然後用乾軟布拭擦電視。在雷電天氣時，請拔掉電源線及外接天線，以免對電視造成損壞。只有合格的電視維修人員才能維修此機器。

安裝說明

將電視放在室內燈光不能直射屏幕的地方。

在暗室或者有反光的地方看電視會造成眼睛疲勞。柔和非直射的光線下看電視最適合。

在電視和牆壁之間應該留有空間以便散熱。

應將電視放在遠離熱源的地方，以免對機器或者部件造成損壞。

當使用機器時，請勿堵塞散熱孔。

商標

- 由Dolby Laboratories授權製造。 “杜比”、 “Dolby”與雙D標誌是Dolby Laboratories的商標。

- “HDMI”,HDMI 標誌和 “High-Definition Multimedia Interface”(高清晰度多媒體接口)是HDMI特許LLC在美國和其他國家的商標或註冊商標。

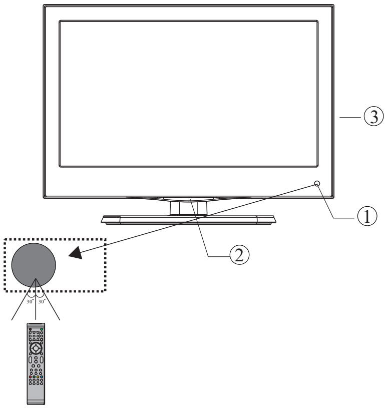
主要特點

① 可作爲電視，播放終端和電腦顯示器。
② 高亮度，可視角度大
③ HDMI接口
④ DMB-T/H

主要參數

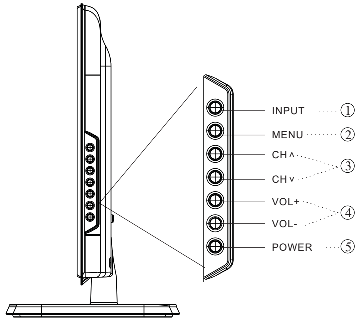
型號	LC-19LE330H	LC-24LE330H	LC-32LE330H
尺吋	19	24	32
模擬電視制式	PAL-B/G、I、D/K、SECAM-B/G、D/K NTSC-MN		
視頻信號制式	PAL/NTSC/SECAM		
電源電壓	直流 12 伏 交流 110-240 伏 50/60 赫茲		交流 110-240 伏 50/60 赫茲
耗電量（備用時）	直流12伏: 25瓦(0.3瓦)	直流12伏: 35瓦(0.3瓦)	54瓦(0.5 瓦)
音頻輸出功率	2x3瓦		2x7.5瓦
輸入端子	USB x 1		
	電腦輸入 x 1，音頻 x 1 (與 HDMI 共用)(φ3.5 毫米插孔)		
	HDMI x 2		
	視頻 x 1		
	色差 x1		
	音頻 x 1		
	天線 x 1 (UHF/VHF/75 歐姆類型)		
輸出端子	視頻 x 1, 音頻 x 1		

前面板



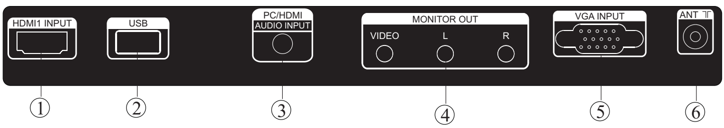
1: 遙控器感應器
2: LED指示燈
藍色 ◯ 開機
紅色 ● 待機
3: 控制面板

側面控制面板



1、INPUT 按此鍵顯示輸入源選項表。
2、MENU 按此鍵顯示設置選項表
3、CH∧/CH∨ 在TV狀態下，按CH∧/CH∨，轉換頻道。在MENU模式下，按CH∧/CH∨，選擇選項表內項目。在備用狀態下，可以啓動電視。
4、VOL+/VOL- 按此鍵，調節音量大小。在MENU模式下，按此鍵，調節已選擇的項目。
5、POWER電源開關按鈕。

側面端子插座

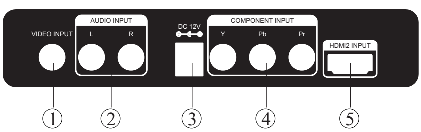


從左至右，所有的輸入端子分別是:

1: HDMI1端子 2: USB端子 3: 電腦/HDMI音頻端子 4: 視頻/音頻輸出
5: 電腦輸入端子 6: 天線端子

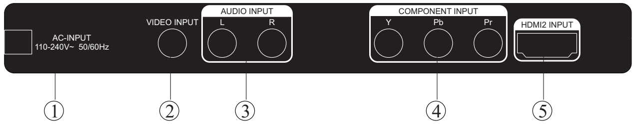
背面端子插座

LC-19LE330H/LC-24LE330H:



從左至右，所有的輸入端子分別是:
1: 視頻端子 2: 音頻端子 3: 直流電輸入 4: 色差端子 5: HDMI2端子

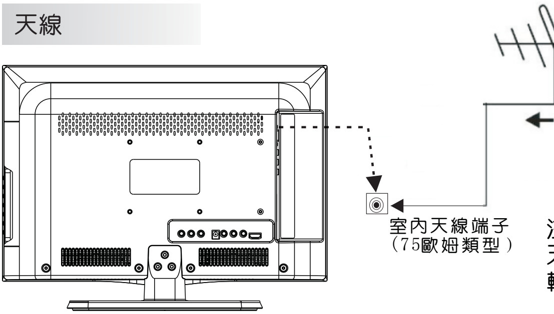
LC-32LE330H:



從左至右，所有的輸入端子分別是:

1: 交流電輸入 2：視頻端子 3: 音頻端子 4: 色差端子 5: HDMI2端子

天線

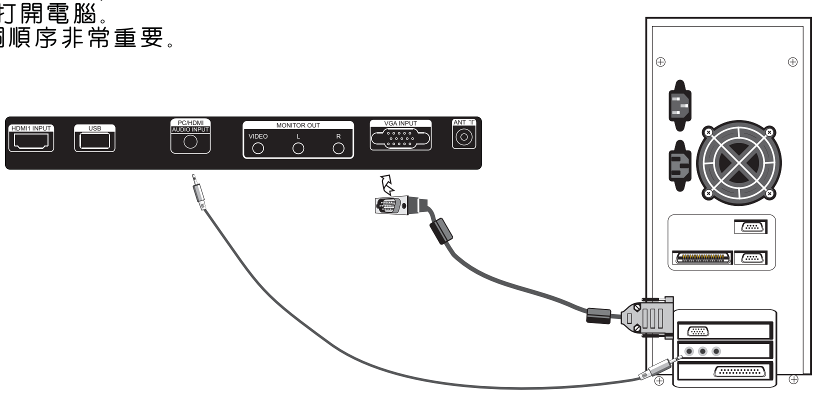


室外電視天線

注意:
天線連接線: IEC（圓型連接線）
輸入阻抗: 75歐姆不平衡輸入

如何連接到電腦

步驟:
確認電視和電腦都已經設置爲關機。
1、連接電腦輸入以及音頻線。
2、連接電源線。
3、打開電視，選擇電腦模式。
4、打開電腦。
這個順序非常重要。



電腦兼容列表

	解像度	垂直頻率(Hz)	水平頻率(KHz)
1	640x480	60	31.47
2	800x600	60	37.88
3	1024x768	60	48.36
4	1280x1024	60	63.98
5	1360x768	60	47.70
6	1920x1080 （僅適用於24、32吋）	60	66.64

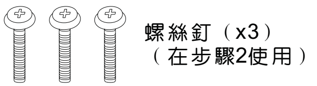
HDMI 兼容信號格式

480i, 480p, 576i, 576p, 720p/50Hz, 720p/60Hz,
1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz.

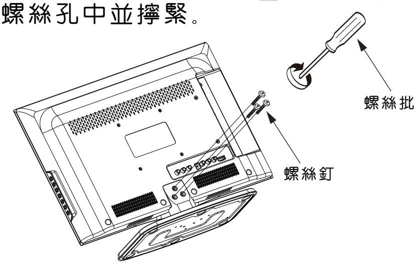
底座安裝

LC-19LE330H

1.確認底座組件附有3枚螺絲釘。

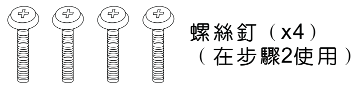


2.將底座插入到電視機底部的槽中。將3枚螺絲釘插入到底座底部的3個螺絲孔中並擰緊。

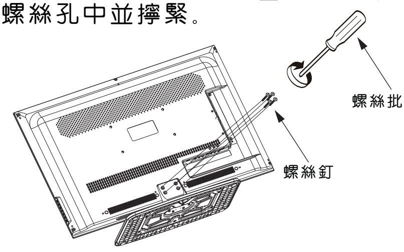


LC-24LE330H/LC-32LE330H

1.確認底座組件附有4枚螺絲釘。



2.將底座插入到電視機底部的槽中。將4枚螺絲釘插入到底座底部的4個螺絲孔中並擰緊。

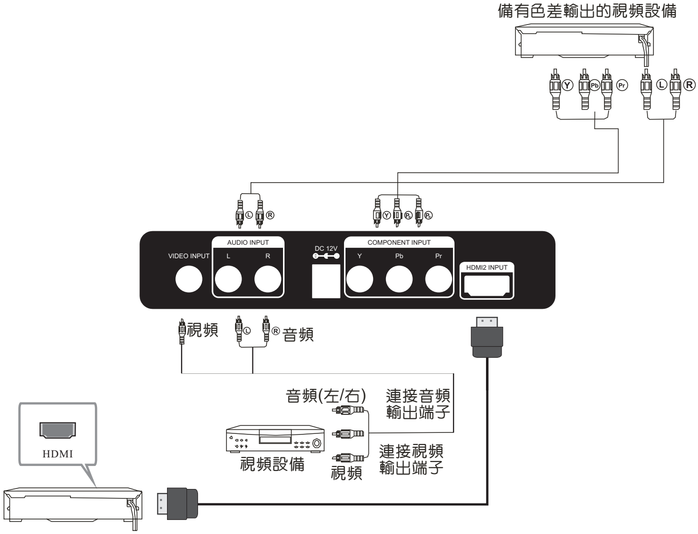


注意:
- 若要拆除底座，請以相反的順序執行以上的步驟。
- LC-19LE330H/LC-24LE330H/LC-32LE330H的底座不能調節角度。
- 本產品未附帶螺絲批。

連接外部設備

此電視機設有兩組AV。一組色差輸入端子連接錄影機，DVD影碟機以及其他視頻設備。連接時，請參考所連接的視頻設備的說明書。

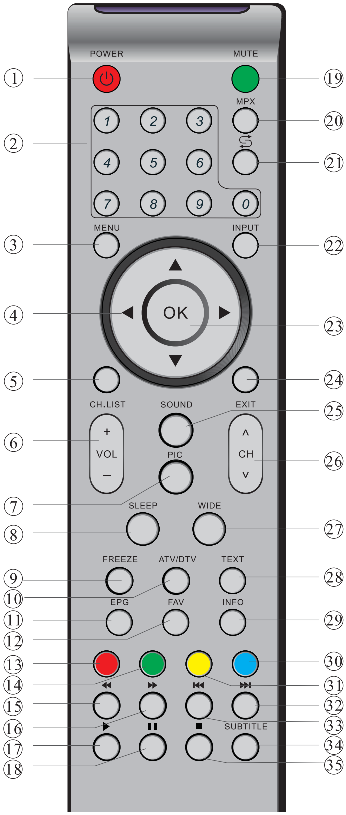
請參照以下說明使用背板輸入端子。



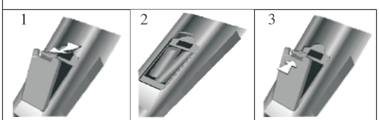
這些端子可以連接以下設備：錄影機，多碟式播放機，DVD影碟機，攝錄機，遊戲機或立體聲音響設備等。
色差端子可以兼容以下視頻格式：480i, 480p, 576i, 576p, 720p/50Hz, 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz.

注意：1、視頻和色差端子共用音頻輸入端子。
　　　2、在DVI模式下HDMI1/HDMI2都與電腦共用音頻輸入端子。

遙控器



將電池裝入遙控器中



1、將電池蓋打開
2、將2枚1.5V AAA電池裝入，電池極性一定要與遙控器極性標誌對應。
3、蓋上遙控器蓋子。當電視機出現以下症狀時，請更換遙控器電池：操作不穩定或者錯誤；或遙控器操作不靈。

備注：
1、建議使用鹼性電池。
2、當電池的電量耗盡或長期不使用遙控器時，請將電池取出。

1: POWER
開啓電視或切換至待機模式
2: NUMERIC KEY
選擇頻道
3: MENU
顯示設置選項表(第11頁)
4: CURSOR
在選項表內移動
5: CH LIST
顯示頻道列表
6: VOL+/-
調節音量
7: PIC
改變圖像模式
8: SLEEP
定時關機
9: FREEZE
使活動影像靜止
10: ATV/DTV
在ATV模擬電視和DTV數碼電視之間切換
11: EPG
顯示電子節目指南畫面(第14頁)
12: FAV
在ATV模擬電視或DTV數碼電視模式下，直接切換至用戶喜歡的頻道列表(第12頁)
19: MUTE
靜音或恢復音量
20: MPX
選擇多重聲音模式
21: FLASHBACK (⥁)
退回之前觀看的頻道
22: INPUT
選擇輸入源
23: OK
確認選擇
24: EXIT
退出鍵
25: SOUND
切換聲音模式
26: CH∧/CH∨
選擇頻道
27: WIDE
切換寬屏幕影像模式
28: TEXT
MHEG5功能鍵(第14頁)
29: INFO
在DTV數碼電視模式下顯示當前觀看節目的信息以及將要播放的節目信息
34: SUBTITLE
DTV數碼電視模式下，切換字幕
13,14,30,31: 彩色按鍵
彩色按鍵用於選項表中的特定操作(請參閱第12及第14頁)

媒體播放鍵

15: ◀◀ FW

快退

16: ▶▶ FF

快進

17: ▶

媒體播放模式下， 進行播放

18: II

媒體播放模式下， 暫停播放

32: ▶▶I

下一個

33: I◀◀

上一個

35: ■

媒體播放模式下， 停止播放

安裝指導



此屏幕顯示只有在機器第一次開啓或者恢複到出廠設置時才會出現。按確認鍵開始自動頻道搜索。
搜索完畢，屏幕將顯示第一個數位電視節目。

1. 頻道選項表

設置選項表的第一項是頻道選項表。
（模擬電視或數位電視模式）

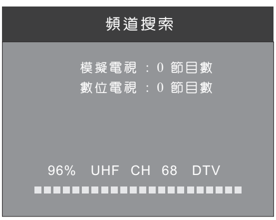


用戶可以搜索頻道及編輯節目

1). 自動搜台
自動搜索所有頻道（用戶可以選擇模擬電視，數位電視或者數位+模擬電視）



首先按◀▶ 選擇數位電視和模擬電視，然後按OK 開始自動搜索。



注意：
如果搜台模式是數位+模擬電視，所有頻道包括數位電視和模擬電視可以一次性搜索。

在自動搜台之後，所有保存的頻道將會消失。

自動搜台完成之後，電視會顯示第一個數位電視頻道的內容。

2). 數位電視手動搜台

用戶可以選擇一個數位電視頻道，然後觀看此頻道的節目。
按◀▶切換頻道或者直接輸入頻道號碼。按OK鍵搜索節目。

注意：
“差”，“一般”，“好”表示信號強度。



3). 模擬電視手動搜台

按◀▶選擇開始手動調節的頻道。按▼▲選擇“搜索”或者“微調”。按◀▶確認此操作。



注意
在手動搜索後按紅色按鈕來儲存頻道。

4）．節目編輯
可以刪除，重新命名，跳過或編排您喜歡的頻道。

刪除

按以上的紅色按鈕，選擇的頻道會被刪除。

更名（重新命名）

只能重新命名模擬電視的頻道。
將遊標移至需要重新命名的頻道，按綠色鍵來重新命名所選的頻道。
按 ▼▲ 鍵來選擇字符，按 ◄► 鍵來移動遊標。
按MENU鍵來退出編輯。按EXIT鍵來退出MENU。
注意：模擬電視頻道的名字只能包含五個字符。

跳過

按 ▼▲ 鍵來選擇頻道，按藍色按鈕來跳過此節目。⊘ 會出現在頻道名稱的右邊。再按藍色按鈕可以取消跳過,在頻道右邊的⊘即會消失。

FAV最喜愛的頻道

按 ▼▲ 鍵選擇頻道。按FAV鍵之後，屏幕右上方會顯示 ♥ 。再按一次FAV，可以取消喜歡的頻道，♥ 自動消失。
喜歡的頻道組建立之後，您可以直接按FAV鍵快速進入您喜歡的頻道。

2.影像調整選項表

設置選項表的第二項是影像調整選項表，您可以在此表內調節畫面效果，如對比度，亮度等等。
按 ▼▲ 來移動遊標，按<OK>鍵來調節。



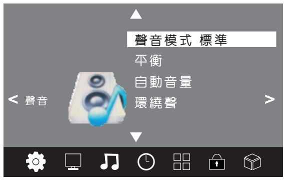




注意：
1) 選項表裡有四種圖像模式可供選擇：標準模式，柔和模式，用戶自定義模式以及動態模式。可以在用戶自定義模式下調整畫面品質。
2)色調選項只能在NTSC制式下才能調節。
3)有四種色溫模式可以選擇：冷色調，標準色調，暖色調和用戶自定義色調。
4)螢幕項目只有在PC模式下可以調整，在這種模式下可以調整屏幕的水平位置，垂直位置，大小和相位。

3.聲音選項表

設置選項表裡的第三項是聲音選項表。可以在這一項裡調整聲音的效果，環繞聲，平衡等等。按 ▼▲ 鍵移動遊標，按OK後進行調節。



注意：
1)有五種聲音模式可供選擇：標準，音樂，電影，運動和用戶。只有在用戶模式下可以調整聲效。
2)自動音效調節：只有在輸入的音頻信號過大或失真時才會生效。

4.時間選項表

在此選項裡可以調整電源開關的時間，待機時間等等。按▲▼鍵來移動遊標，按OK鍵後可以調整效果。



注意：
1）如果自動休眠模式啓動後，電視機會在15分鐘沒有信號輸入後自動關閉電源。
2）在數位電視頻道搜索完畢後系統會自動按照數位電視的信號設置時鐘上的時間。

5.項目設定選項表

設置選項表的第五項是項目設定選項表。可以使用這個選項調整選項表的語言，音頻語言以及字幕語言等等(只限數位電視模式下)。



注意：如若選擇<恢復工廠設置>將會清除所有存儲的節目。

6.控管選項表

設置選項表的第六項是控管選項表。可以使用這項來鎖定系統，設置密碼，頻道鎖以及兒童安全鎖。一旦打開鎖定系統，就不能再搜索節目或者切換頻道。



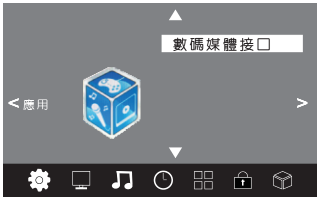
注意：

1）當<系統鎖定>被選取時，按遙控器上的<OK>鍵後輸入<6666>來啓動該功能。
2）頻道鎖：按▼▲鍵來選擇節目,按<綠色>鍵來鎖定節目。
如果想要解除頻道鎖，重複上述1,2項動作即可。
3）兒童安全鎖：按▼▲鍵可以根據4-18的年齡限制級別來鎖定頻道。

若忘記已設定的密碼，可按如下操作來設置新的密碼：
1）進入<鎖定>選項表。
2）使用超級密碼<9527>進入選項表。
3）選擇<設置密碼>
4）輸入舊的密碼<9527>
5）重新輸入新的密碼便可完成設置步驟，新的密碼即時生效。

7.應用選項表

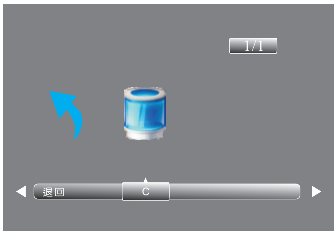
設置選項表的第七項是應用選項表。



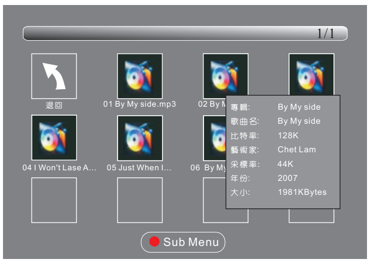
按<OK>鍵進入數碼媒體接口選項表。



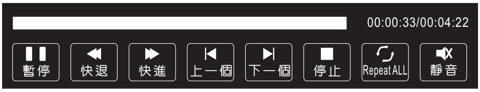
在此選項下可以瀏覽儲存在外接USB設備內的圖片、音樂、文本及影片。
按◀▶鍵選擇查看的媒體類型。按<OK>鍵進入下一個選項。



按◀▶鍵選擇USB設備內的驅動器，按<OK>鍵顯示儲存媒體檔案及文件夾,或者按◀▶選擇<退回>再按<OK>鍵以回到媒體類型選項表。按◀▶或▼▲鍵選擇，然後預覽欄會彈出。



按▶按鈕以全屏模式播放媒體文件， 以下的控制平台會顯示出來。



按遙控器上的 ▶ 鍵顯示控制平台的其他選項。



當從外接儲存裝置選擇<圖片>選項時， 控制平台的選項會和上述不同。
按遙控器上的◀▶鍵選擇功能遊標， 按<OK>執行此功能。
按遙控器上的 ▼ 或<EXIT>鍵可離開控制平台。
按遙控器上的<INFO>或<OK>鍵來再次顯示控制平台。

注意:
選擇<信息>圖標再按<OK>鍵來顯示信息資料。

此電視支援以下的圖片格式:
JPEG（所有的JPEG格式或以.jpg爲尾末的文件）
BMP（尾末爲.bmp的文件）
PNG(尾末爲.png的文件)

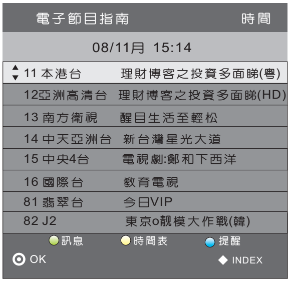
此電視支援以下的音頻格式:
MP3(尾末爲.mp3的文件)
WAV(尾末爲.wav的文件)

此電視支援以下的視頻格式:
AVI (尾末爲.AVI的文件）
MP4 (尾末爲.MP4的文件）
TS (尾末爲.TS 的文件）

此電視支援以下的文本格式:
TEXT (尾末爲.txt 的文件）
注: 繁體中文要是unicode 格式才能正確顯示。

8.電子節目指南(EPG)

電子節目指南是用於查看在數碼電視頻道所播放的節目。
按遙控器上的EPG鍵進入電子節目指南（EPG）， 進入後以下的列表會出現:

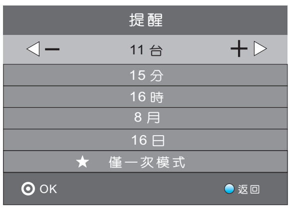


1. 訊息
使用 鍵來選擇節目， 按INFO鍵可以顯示選擇節目的詳細信息。

2. 時間表
按下黃色按鈕， 整個的電視節目提醒日程會出現在屏幕上。 按 ▼▲鍵來選擇日程表內的項目， 按 刪除鍵來刪除日程表內的項目。 按EPG鍵返回電子節目指南。



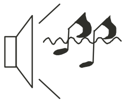
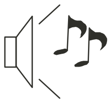
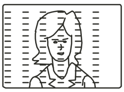
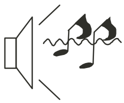
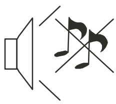
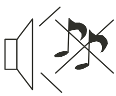
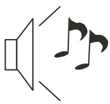
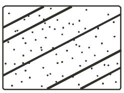
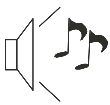
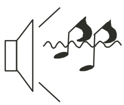
3. 提醒
按下藍色按鈕來選擇節目並且設置提醒時間， 選定的節目會在設置的時間裡自動播放。



按<OK>鍵來儲存設置的提醒時間。

圖字文件

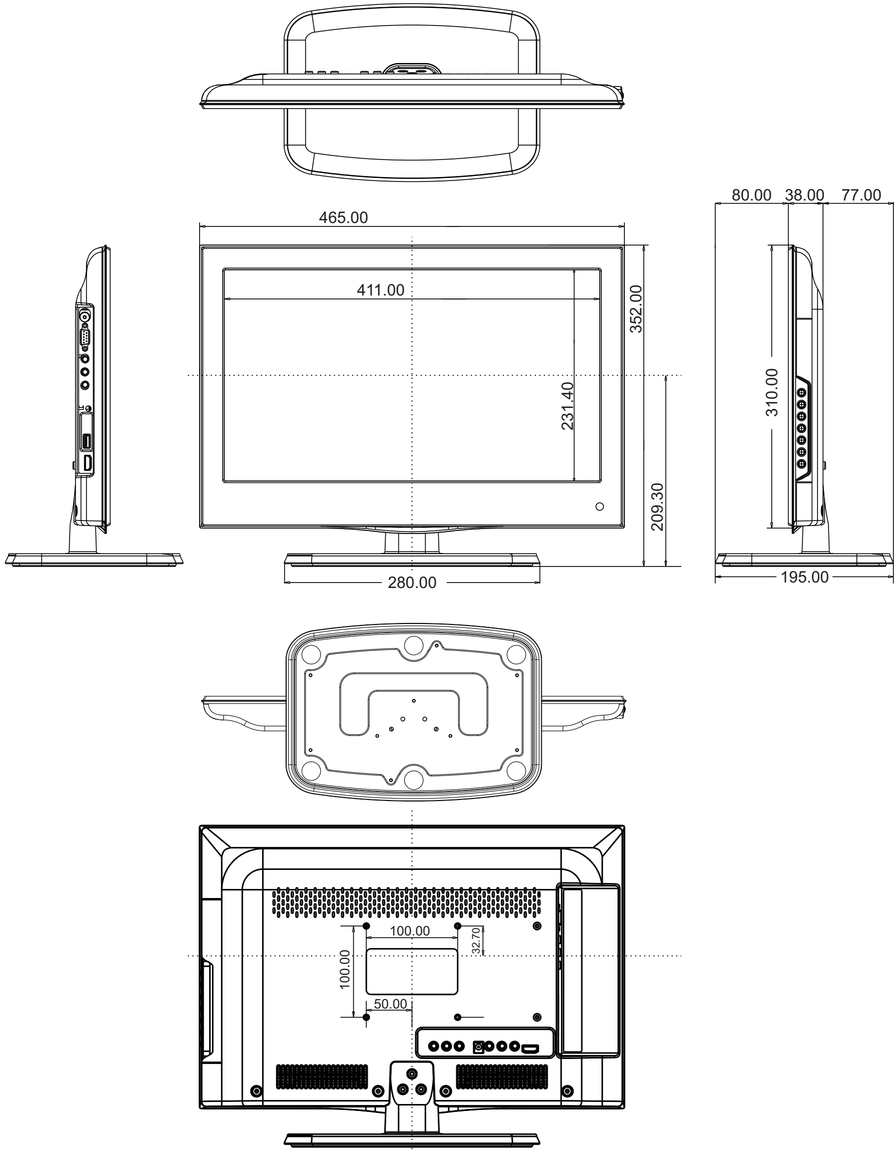
香港地區設有MHEG-5 數據廣播節目。
您可以透過按**TEXT (** 圖字文件 **)** 按扭收看MHEG-5 數據廣播節目。

故障現象		可能的解決方案
圖像	聲音	
 圖像出現雪花點	 聲音爲噪音	天線的位置，方向以及天線是否接觸不良。
 圖像混亂	 聲音正常	天線的位置，方向以及天線是否接觸不良。
 圖像干擾	 聲音爲噪音	是否存在電子設備、摩托車或汽車的噪音或熒光以及閃光的干擾。
 圖像正常	 靜音	檢查是否按了遙控器上的靜音鍵或聲頻線沒有接好。
 沒有圖像	 靜音	是否沒有插好電源線。檢查對比度和亮度的設置是否正確;聲音設置是否正確。
 沒有顏色	 聲音正常	檢查色彩設置是否正常。
 畫面被切斷	 聲音正常或微弱	重新搜台。
 沒有顏色	 聲音爲噪音	檢查電視制式設置是否正確。

液晶顯示屏是用非常高超的技術製造，能顯示出精細的畫面。
由於像素數目極多，偶然也可能會有一些無效的像素出現在屏幕上，看上去是固定不變的藍色、綠色、紅色、黑色或白色的亮點。請注意，這是屬於產品規格範圍之內，並不是故障。

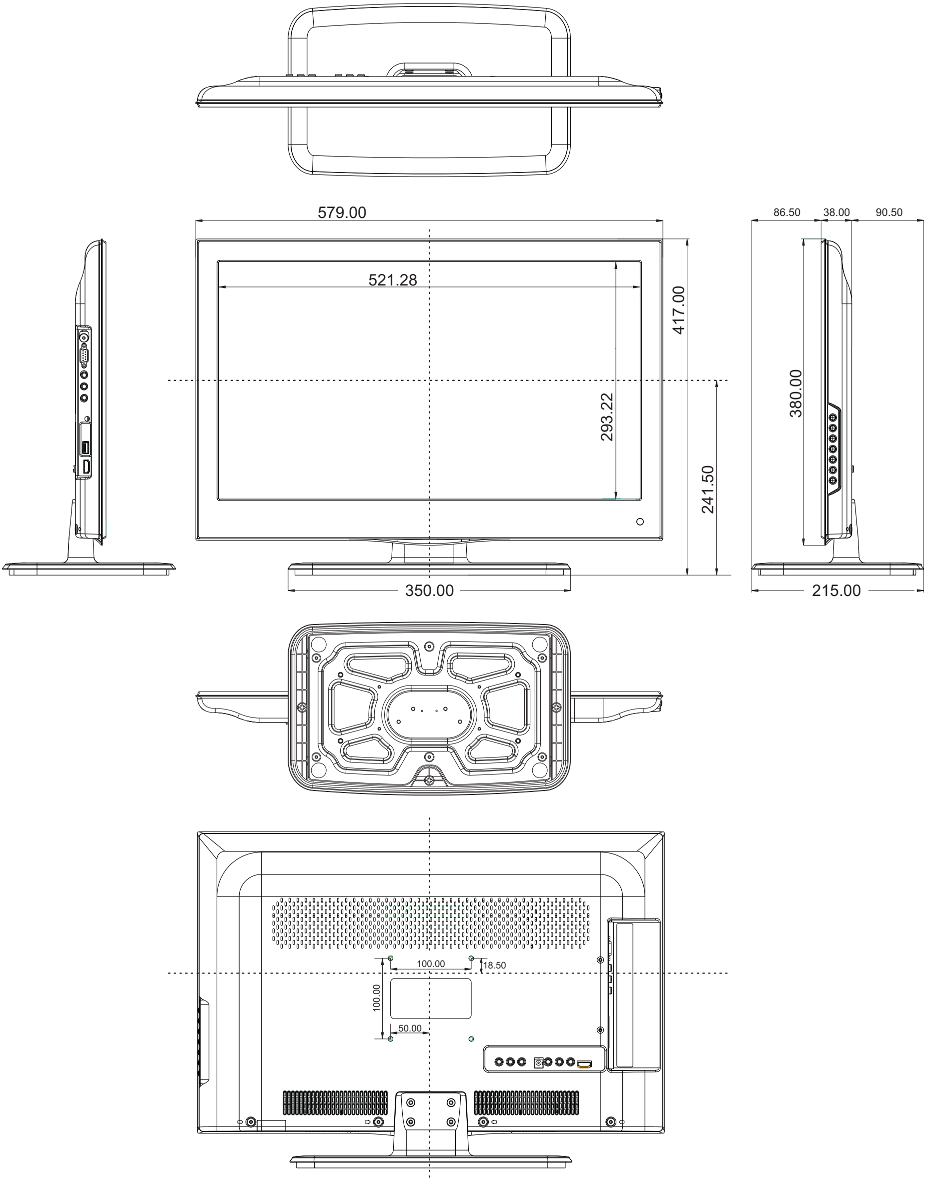
LC-19LE330H

單位:毫米



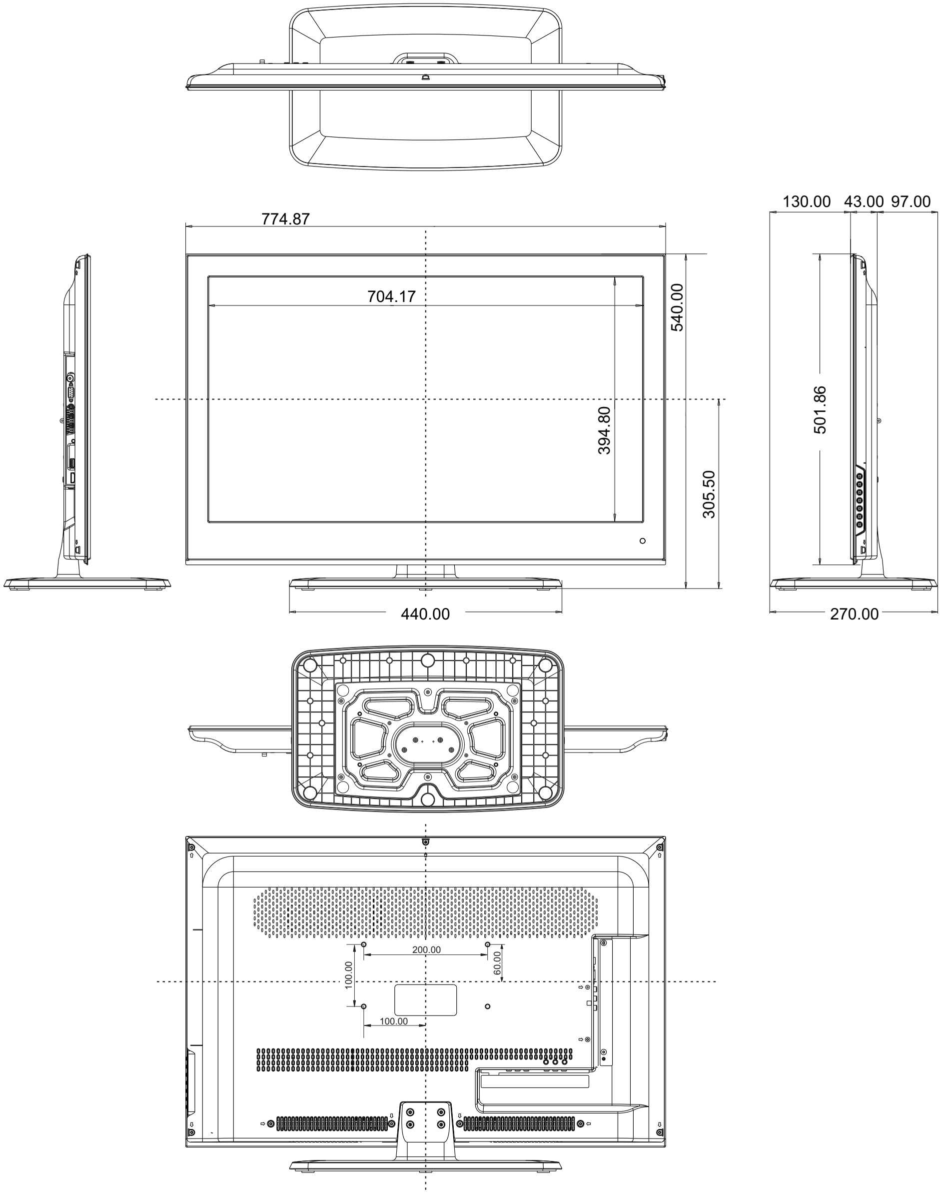
LC-24LE330H

單位:毫米



LC-32LE330H

單位:毫米



規格:

型號		LC-19LE330H	LC-24LE330H	LC-32LE330H
尺吋		19	24	32
解像度		1366 x 768	1920 x 1080	1920 x 1080
背光系統		LED		
電視制式	模擬制式	PAL-B/G, I, D/K, SECAM-B/G, D/K, NTSC-MN		
	數碼制式	DMB-T/H		
接收頻段	VHF/UHF	48MHz-858MHz		
數碼地面廣播		470MHz-858MHz		
電視調諧系統		自動預設99個頻道		
立體聲制式		NICAM: B/G, I, D/K, A2 Stereo: B/G		
視頻輸入種類		YPbPr, CVBS, VGA, HDMI		
色差信號格式		480i/p, 576i/p, 720p/50Hz, 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz		
HDMI信號格式		480i/p, 576i/p, 720p/50Hz, 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz		
電源要求		直流 12 伏 交流110-240伏 50/60赫茲		交流110-240伏 50/60赫茲
耗電量(備用時)		直流12伏: 25瓦(0.3瓦)	直流12伏: 35瓦(0.3瓦)	54瓦(0.5瓦)
音頻輸出功率		2x3瓦		2x7.5瓦
工作溫度		0°C - 40°C		
附件		說明書, 遙控器, 電池 (AAA x 2), 交流電適配器(僅適用於19/24吋)		

＊ 以上規格僅供參考
偏差的出現可能由於產品的定期升級。
本公司保留爲改進產品而改變設計與規格不需事先通知的權利。

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IMPORTANT SAFETY INSTRUCTION

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings, install in accordance with the instructions.
8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being stepped on or pinched particularly at plugs, convenience receptacles, and the point where they extend from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Unplug this apparatus during lightning storms or when unused for long periods of time.
13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14) Main plug is used as the disconnect device, the disconnect device shall remain readily operable.
15) The ventilation openings should not be covered by items, such as newspapers, table-cloth, curtains, etc.
16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
17) Attention should be drawn to the environmental aspects of battery disposal.
18) The use of apparatus in moderate climate.
19) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



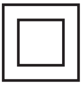
The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.



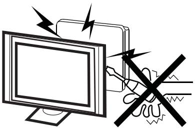
The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

WARNING:
To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

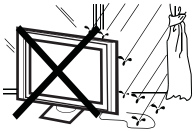


This symbol indicates that this product incorporates double insulation between hazardous main voltage and user accessible parts. Only use identical replacement parts.
WARNING: To reduce the risk of fire or electric shock,do not expose this apparatus to rain.



Warning

High voltages are used in the operation of this television. Do not remove the back cabinet from your set. If maintenance is required, contact qualified service personnel.



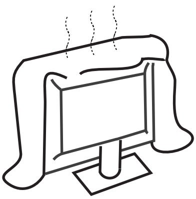
Warning

To prevent fire or electrical shock hazard, do not expose the television to rain or moisture.



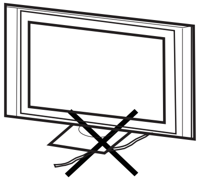
Warning

Do not drop or push objects into the television cabinet, slots or openings. Never spill any kind of liquid on the television .



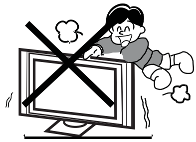
Caution

Do not block the ventilation holes at the back cover. Adequate ventilation is essential to prevent failure of electrical components.



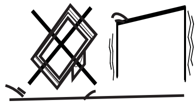
Caution

Do not trap the power supply cord under the television .



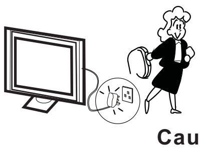
Caution

Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if the television overturns.



Caution

Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual or damage to the television may result if the television overturns.



Caution

When the television is not used for an extended period of time, it is recommended to disconnect the AC power cord from the AC outlet.

Thank you very much for purchasing this television. To enjoy trouble-free operation of your product, please read this manual carefully and keep it handy for easy reference.

CAUTION

Never tamper with any components inside the TV, or any other adjustment controls not mentioned in this manual. All LCD-TVs are high voltage instruments. Unplug the AC cord from the AC outlet before cleaning the product, then wipe the TV with a dry soft cloth. During thunder and lightning, unplug the power cord and antenna cord to prevent damage to your TV. All repairs to this TV should only be performed by qualified TV service personnel.

INSTALLATION

*Locate the TV in the room where light does not strike the screen directly.
*Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.
*Allow enough space between the TV and the wall to permit ventilation.
*Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
*Do not cover the ventilation openings when using the TV.

Trademarks

- Manufactured under license from Dolby Laboratories, Dolby and the double-D symbol are trademarks of Dolby Laboratories.

- "HDMI,the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the united states and other countries."

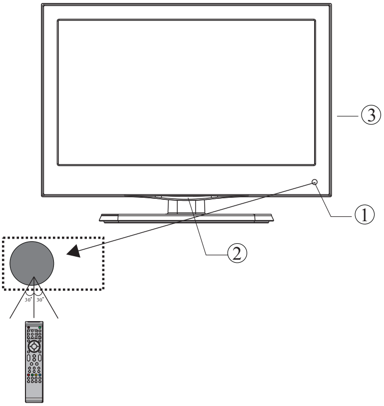
Main features

① Used as Television, display terminal, PC display
② High luminance, wide viewing angle
③ HDMI interface
④ NICAM

Main parameter

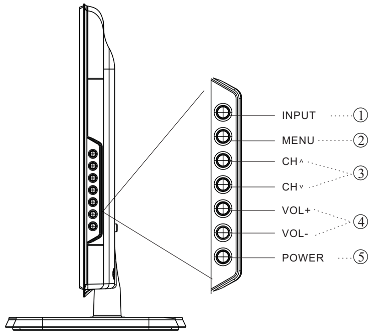
Model	LC-19LE330H	LC-24LE330H	LC-32LE330H
Size	19	24	32
TV System	PAL-B/G、I、D/K、SECAM-B/G、D/K NTSC-MN		
Video Signal System	PAL/NTSC/SECAM		
Input Power Voltage	DC 12V, AC 110-240V, 50/60Hz		AC 110-240V, 50/60Hz
Power Consumption(Standby)	DC12V: 25W(0.3W)	DC12V: 35W(0.3W)	54W(0.5W)
Audio Output Power	2x3W		2x7.5W
Input Termimals	USB x 1		
	VGA x 1,AUDIO x 1(shared with HDMI)(ϕ3.5mm jack)		
	HDMI x 2		
	Video x 1		
	Component x1		
	Audio x 1		
	Antenna x1 (UHF/VHF/75Ω Din type)		
Output Terminals	Video x 1, Audio x 1		

Front Panel



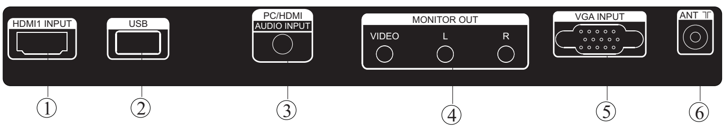
1: Remote control sensor
2: Indicator LED:
BLUE ● POWER ON
RED ● STANDBY
3: Control Panel

Control Panel



1. **INPUT**
   Display the input source menu.
2. **MENU**
   Display main MENU.
3. **CH^/CHv**
   In TV mode，press “CH^” or “CHv” to change the channel up and down.
   In MENU mode, press “CH^” or “CHv” to select items. In standby mode, it can turn on the TV.
4. **VOL+/VOL-**
   Adjust sound level.
   In MENU mode, press “VOL+” or “VOL-” to adjust the item that you selected.
5. **POWER**

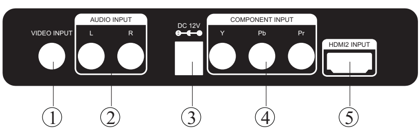
Side Panel



All the input terminals are(from left to right):
1:HDMI1, 2:USB, 3:PC AUDIO(Share with HDMI terminals), 4:MONITOR OUT, 5:VGA INPUT, 6:ANTENNA

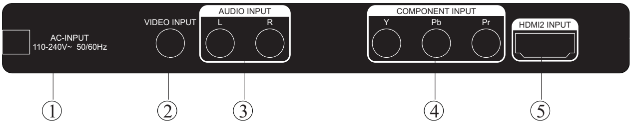
Rear Panel

LC-19LE330H/LC-24LE330H:



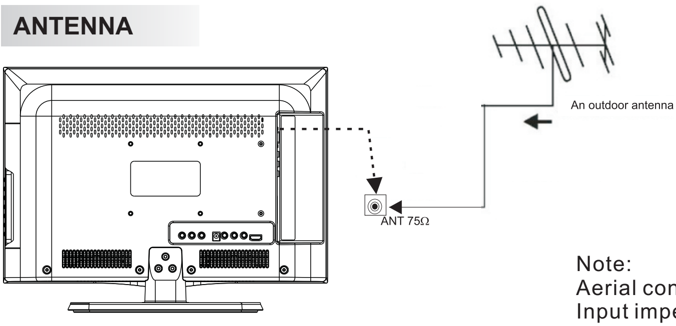
All the input terminals are(from left to right):
1:VIDEO, 2:AUDIO INPUT, 3:DC INPUT, 4:COMPONENT, 5:HDMI2

LC-32LE330H:



All the input terminals are (from left to right):
1: AC INPUT, 2: VIDEO, 3: AUDIO INPUT, 4: COMPONENT, 5: HDMI2

ANTENNA

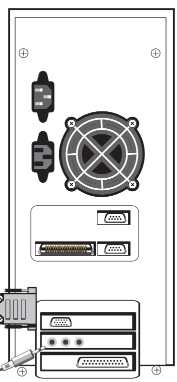


Note:
Aerial connections:IEC(female).
Input impendance:75Ω unbalanced.

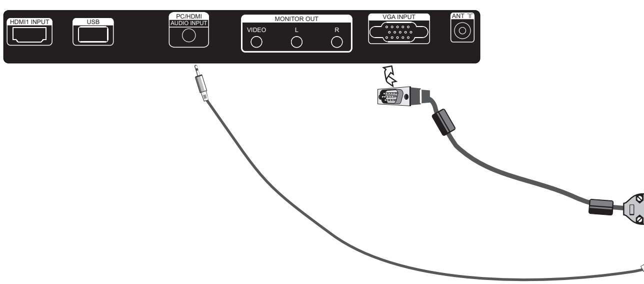
Connecting a PC

STEPS:

Be sure both the TV and computer are set to Power off.
1.Connect VGA and audio cable.
2.Connect the power cord.
3.Power on the TV, switch to PC mode.
4.Power on the PC.
This sequence is very important.



*Side Panel



PC Compatibility Chart

	RESOLUTION	V.Freq.(Hz)	H.Freq.(KHz)
1	640x480	60	31.47
2	800x600	60	37.88
3	1024x768	60	48.36
4	1280x1024	60	63.98
5	1360x768	60	47.70
6	1920x1080 (Applied only on 24/32")	60	66.64

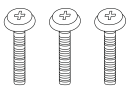
HDMI Compatible Signal Format

480i, 480p, 576i, 576p, 720p/50Hz, 720p/60Hz,
1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz.

Stand Installation

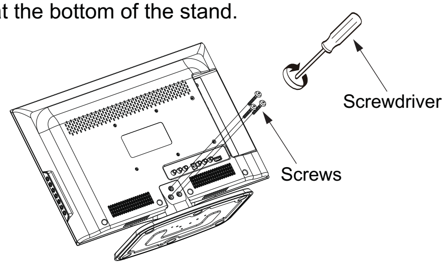
LC-19LE330H

1.Confirm the stand unit came with 3 screws.



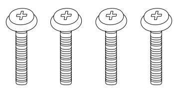
screws (x3)
(used in step 2)

2.Insert the stand into the slot at the bottom of the TV.
Insert and tighten the 3 screws into the 3 holes at the bottom of the stand.



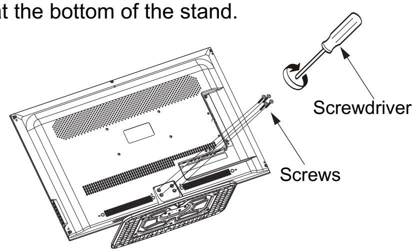
LC-24LE330H/LC-32LE330H

1.Confirm the stand unit came with 4 screws.



screws (x4)
(used in step 2)

2.Insert the stand into the slot at the bottom of the TV.
Insert and tighten the 4 screws into the 4 holes at the bottom of the stand.

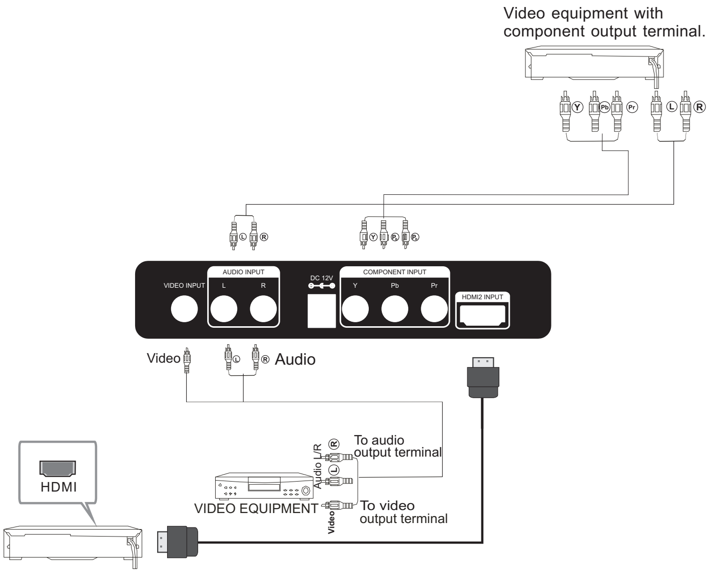


NOTE:
- To detach the stand, perform the steps in reverse order.
- Angle adjustment is not available with the LC-19LE330H/LC-24LE330H/LC-32LE330H.
- Screwdriver is not supplied with this product.

Connecting External Devices

This television provides two group of AV, one group of component terminals for convenient connection to VCR, DVD or other video equipment. Please refer to the owner's manual of the equipment to be connected as well.

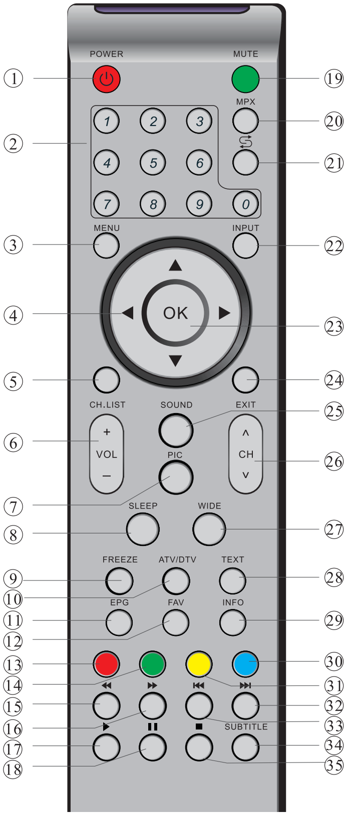
You can use the input terminals on the rear panel as follows.



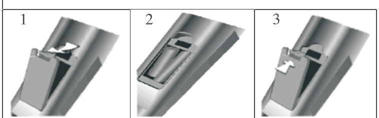
It can be connected to the following equipments: VCR, multi disc player, DVD player, camcorder, video game console or stereo system, etc.
Component terminals can support these video formats: 480i, 480p, 576i, 576p, 720p/50Hz, 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz.

Note: 1.Video and component terminals share the same audio input terminal.
2.In DVI mode, HDMI1/HDMI2 shares the same audio input terminal with PC.

REMOTE CONTROL



Insert Batteries Into the Remote Control



1. Remove the battery cover.
2. Insert 2 × AAA 1.5V batteries, make sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.
3. Mount the battery cover. Replace with new batteries when the TV set begins to show the following symptoms: Operation is unsteady or erratic. Sometimes the TV set does not function with Remote Control Unit.

Remark:

1) Alkaline Battery is recommended.
2) Remove batteries when they are exhausted or if the remote control is not to be used for a long period of time.

1: POWER
To set the TV to standby or power on.

2: NUMERIC KEY
For direct access to channels.

3: MENU
To display TV menu.(Page 11)

4: CURSOR
To move within the menu.

5: CH LIST
To display the channel list.

6: VOL+/-
To adjust sound level.

7: PIC
To switch picture mode.

8: SLEEP
Set timer to turn off the TV.

9: FREEZE
To freeze the picture.

10: ATV/DTV
To switch between ATV (Analogue TV) and DTV(Digital TV).

11: EPG
To display the Electronic Program Guide Screen. (Page 14)

12: FAV
To access your favourite channels list in ATV or DTV mode.(Page 12)

19: MUTE
To disable or enable the sound output.

20: MPX
To select the available audio language.

21: FLASHBACK (⇆)
To access the previously viewed channel.

22: INPUT
To select input source.

23: OK
To confirm selection.

24: EXIT
To return to the previous menu or exit menu.

25: SOUND
To switch sound mode.

26: CH∧/CH∨
To access the next or previous channels.

27: WIDE
To change picture aspect ratio.

28: TEXT
MHEG5 function key. (Page14)

29: INFO
To display information of current and next program in DTV mode.

34: SUBTITLE
To switch between different subtitles in DTV mode.

13,14,30,31: COLOUR KEY
4 coloured keys are used to access the items on corresponding pages.(Page 12 & 14)

MEDIA PLAY key:

15: ◀◀ FW
Fast backward.

16: ▶▶ FF
Fast forward.

17: ▶
Play in media play mode.

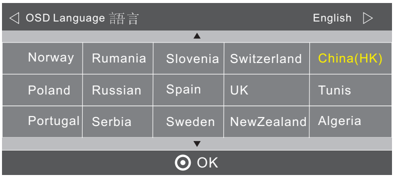
18: ❚❚
Pause in media play mode.

32: ▶▶❚
NEXT

33: ❚◀◀
PREVIOUS

35: ■
Stop in media play mode.

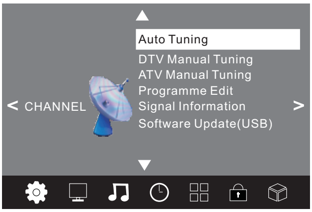
Installation Guide



This screen only appear when the TV is turn on for first time or reset to factory setting. Press OK key to start auto tuning .
And after tuning, the screen will show the first DTV program.

1.CHANNEL MENU

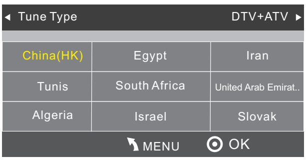
The first item of the MENU is channel menu (for ATV or DTV only).



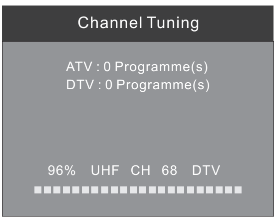
You can search channels and edit programs here.

1).Auto tuning

Search all the channels automatically(you can select ATV, DTV or DTV+ATV)



Press ◀▶ to select ATV and DTV at first , then press OK to start auto tuning .



NOTE:

All the channels including ATV and DTV can be tuned at one time,if the Tune Type is DTV+ATV .

All the stored channels will be disappeared after auto tuning .

After auto tuning , the TV will show the contents of the first DTV channel.

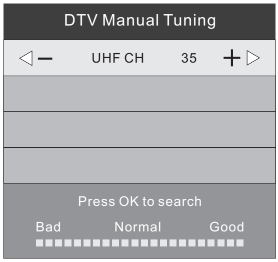
2).DTV Manual tuning

You can select a DTV channel, then find the program in this channel.

Press◀▶ to change the channel number or input the channel number. Press OK to search the programs .

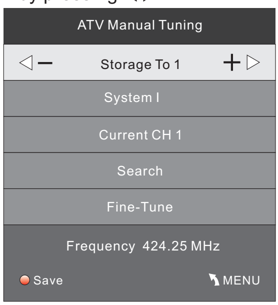
NOTE:

Bad, Normal and Good means signal intensity.



3). ATV Manual tuning

Press ◀▶ to select the channel number for manual tuning. Press ▼▲ to select "Search" or "Fine tune" ,confirm the execution by pressing ◀▶ .



NOTE:
Press red button to store the channels after manual tuning .

4). **Program edit**
You can Delete, Rename, Skip, or assign any programs as your favourite programs.

Delete

Press red button, the highlighted program will be deleted.

Rename

Only ATV programs can be renamed.
Move the cursor to the program, press green button to rename the program.
Press ▼▲ to choose the character. Press ◀ ▶ to move the cursor.
Press MENU button to exit edit. Press EXIT to exit the menu.
Note: ATV programs name can only contain 5 characters.

Skip

Press ▼▲ to choose the program, press blue button to skip this program, The ⃠ will show on the right side of the program.
Choose the skipped program, press blue button again, you can cancel the skip,The ⃠ will disappear.

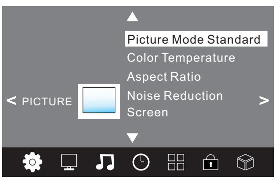
Favourite

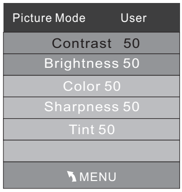
Press ▼▲ to choose the program, press FAV button, it will show ♥ on the right side of the program.Choose the FAV program, press FAV button again, you can cancel the FAV, ♥ will disappear.

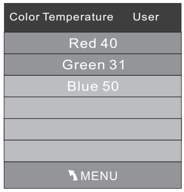
Once your favorite group is created, you can press the FAV key to quickly access your favorite channel.

2. PICTURE MENU

The second item of the MENU is PICTURE MENU.
You can adjust picture effect here, such as contrast, brightness, etc.
Press ▼▲ to move, press OK to adjust.



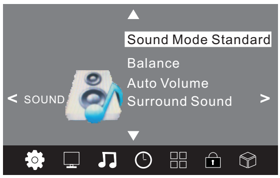




NOTE:
1).There are 4 picture modes: Standard, Mild, User and Dynamic.You can only adjust the picture effect when "User" mode is selected.
2).Tint is available in NTSC system only.
3).There are 4 colors temperature modes: Cool,Medium, Warm and User.
4).Screen is available in PC mode only which, you can adjust horizontal position, vertical position, size and phase.

3.SOUND MENU

The third item of the MENU is the SOUND MENU.
You can adjust the sound effect here such as treble, bass, balance etc.
Press ▼▲ to move, press OK to adjust.



Note:
1).There are 5 sound modes:
Standard, Music, Movie, Sports and User.You can only adjust the sound effect when "User" mode is selected.
2).Auto volume: only available when the input signal volume is too large or with distortion.

4.TIME MENU

The forth item of the menu is the TIME MENU.
You can adjust the power on/off time, sleep time etc. Press ▲▼ to move, press OK to adjust.



NOTE:
1.If "Auto Sleep" is set to on, the TV will be automatically powered off if there is no signal within 15 minutes.
2.The clock time will be set automatically after the DTV channels are tuned.

5.OPTION MENU

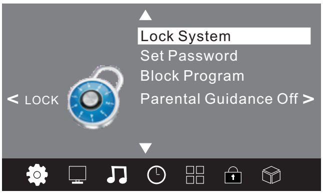
The fifth item of the MENU is the OPTION MENU. You can adjust the Menu language, Audio language,Subtitle language etc (only for DTV).



NOTE:
Restore factory default will clear all the programs.

6.LOCK MENU

The sixth item of the MENU is the LOCK MENU. You can lock system, set password, block program and set parental guidance. Once you set the lock system on, you cannot search the channels or change any programs.

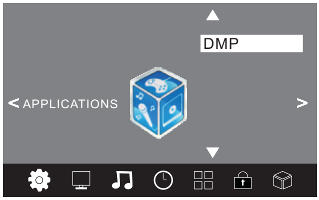


NOTE:
1) When "Lock system" is highlighted, press OK and enter the default password "6666" to activate it.
2) Block program: Press ▼▲ to choose the program, press green button to block the program. If you want to unblock the program, simply repeat steps mentioned in 1 and 2.
3) Parental guidance: Press ▼▲ to choose 4~18 years.

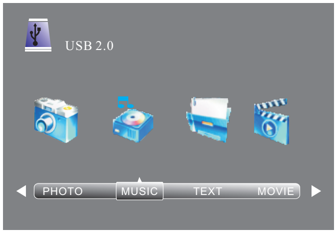
If you forget your password, you can clear it with the following steps:
1) Enter into the "Lock" menu.
2) Enter the super code: 9527.
3) Select "Set Password".
4) Input "9527" as old password.
5) Enter the new password, then the setting process is finished and the new password will be enabled.

7. APPLICATIONS MENU

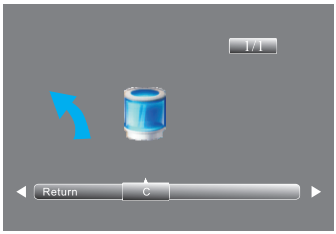
The seventh item of the MENU is the APPLICATIONS MENU.



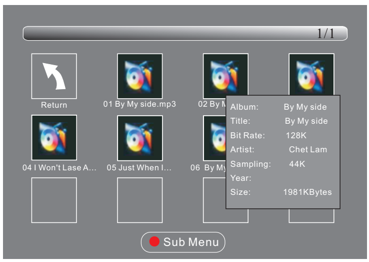
Press OK to enter the DMP menu.



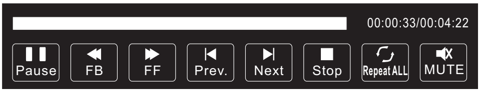
You can enjoy viewing photos, listening music and watching video and text from external USB device. Select the media type by pressing ◀▶, press **OK** to enter the next selection menu.



Press ◀▶ to select the right drive and press **OK** to display media files and folder list or choose "Return" to back to the media type selection menu. Select the media file by pressing ◀▶ or▼▲, then the preview frame will pop up.



Press the button ▶ to play the media file in full screen, the following control bar will be displayed on the screen.



Press the ▶ cursor on the remote control to display the other options on the control bar.

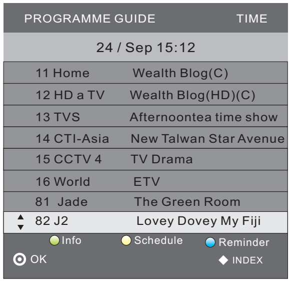


The options available in the control bar will be different when "Photo" is selected from the external USB device.
Press ◀ ▶ to select the function icon, press OK to confirm the function.
Press ▼ or EXIT to exit the control bar.
Press "INFO" or "OK" to display the control bar again.
NOTE:
Choose the Info icon and press OK to display the Info MENU.

Below photo formats are supported:
—JPEG(JPEG format, files with the extension ".jpg")
—BMP (files with the extension ".bmp")
—PNG (files with the extension ".png")
Below music formats are supported:
—MP3 (files with the extension ".mp3")
—WAV (files with the extension ".wav")
Below video formats are supported:
—AVI (files with the extension ".AVI")
—MP4 (files with the extension ".MP4")
—TS (files with the extension ".TS")
Below text formats are supported:
—TEXT (files with the extension ".txt")
Note:Only supported the traditional Chinese with Unicode format.

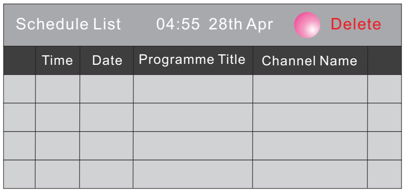
8.EPG Menu(Electronic Program Guide)

The EPG menu is used to look at what is being broadcasted on DTV channel.
To access the EPG menu, press EPG button, the following menu will be displayed:

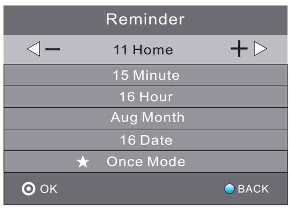


1. INFO
Use ◆ to choose the programs , Press INFO key, you can display the highlighted program's information.

2. Schedule
Press yellow key, the entire reminder schedule will be listed. Press ▼▲ to choose the list, press red key DELETE to delete the schedule list.
Press EPG to return to EPG menu.



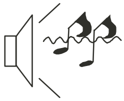
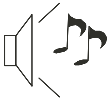
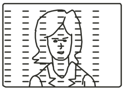
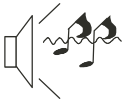
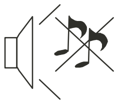
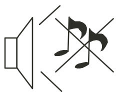
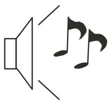
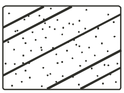
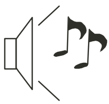
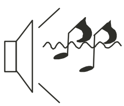
3. Reminder
Press the blue key to choose one program and set up one reminder time, the TV screen will show the selected program in the reminder time automatically.



Press OK to save the reminder.

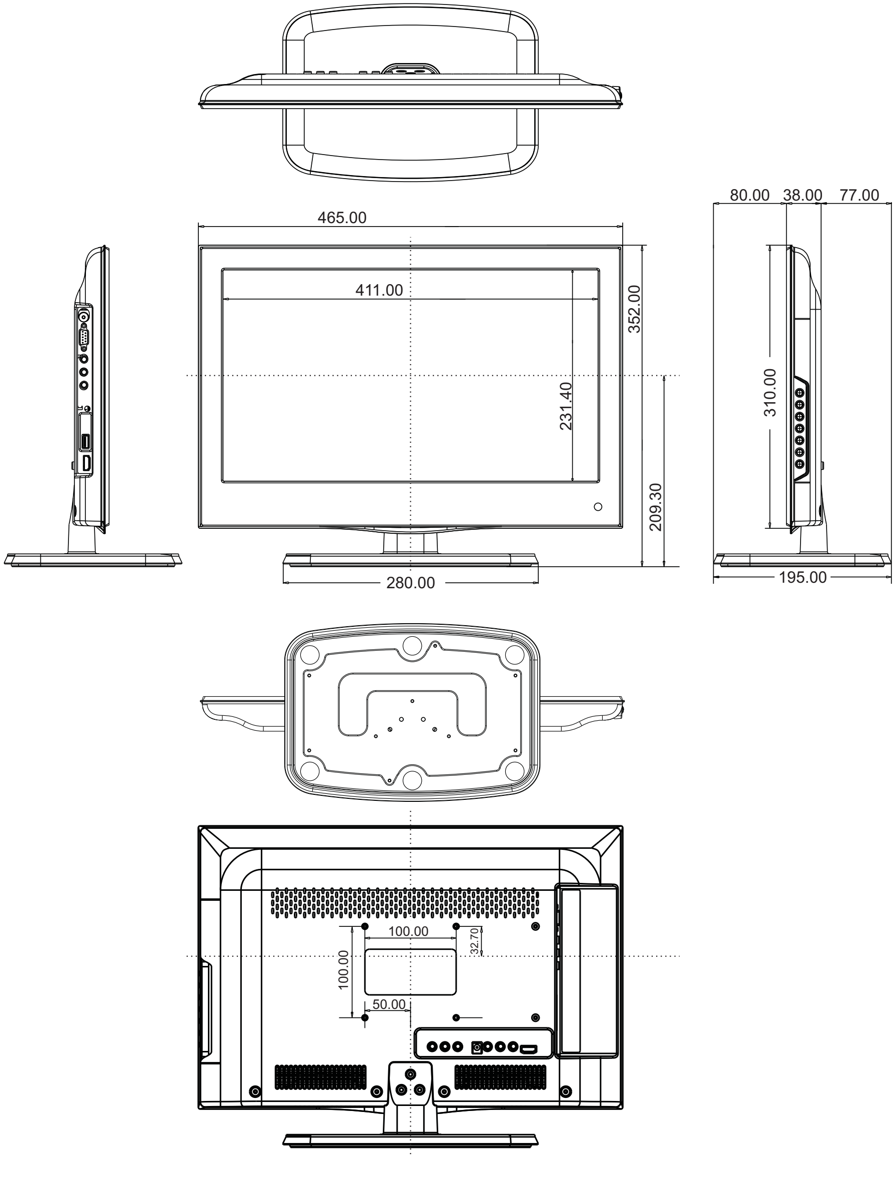
TEXT

MHEG-5 data broadcast is scheduled in Hong Kong.
You can watch a MHEG-5 data broadcast after pressing the **TEXT** button.

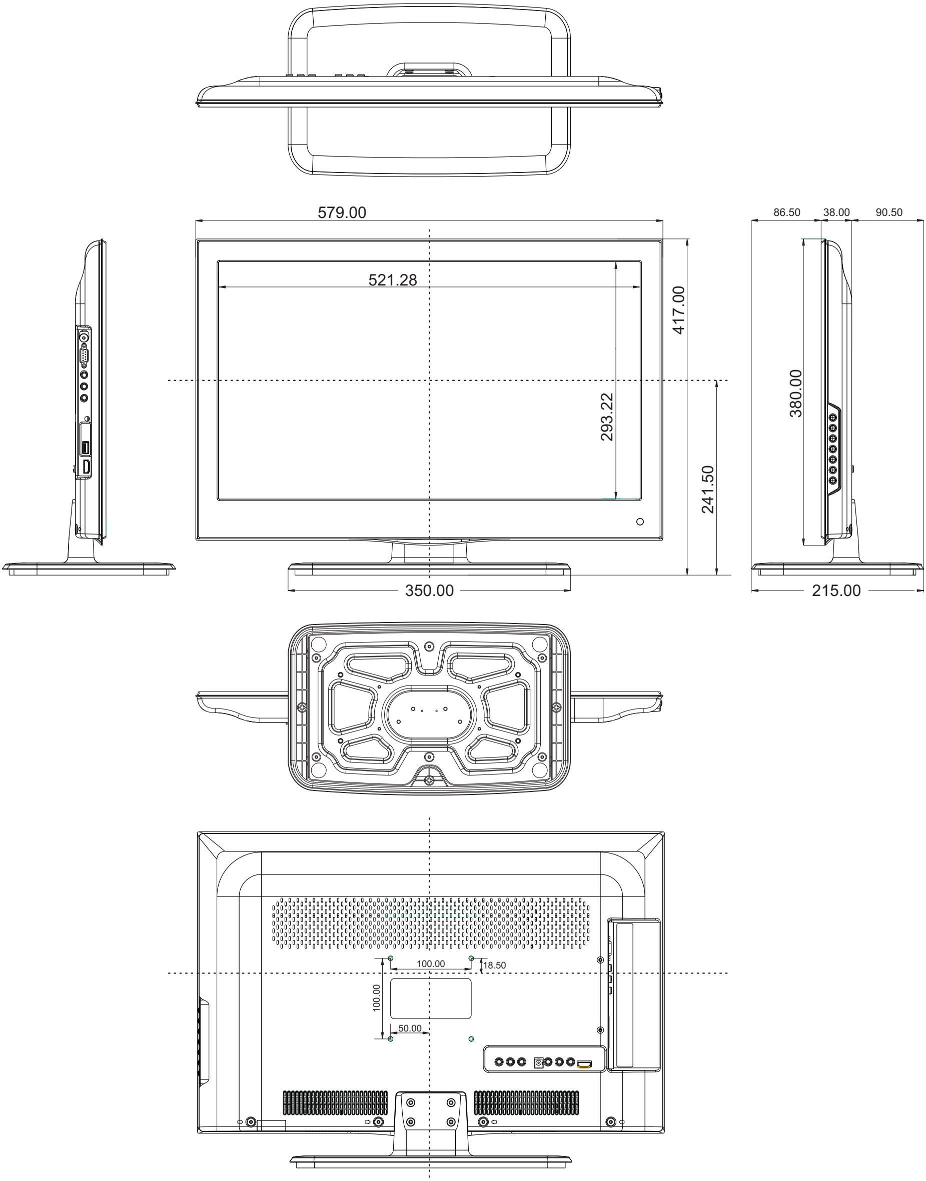
Phenomenon or Symptom		Inspection Check
Picture	**Audio**	
 Snow	 Noise	Antenna position, direction or connection
 Ghost	 Normal audio	Antenna position, direction or connection
 Interference	 Noise	Electronic equipment,car/ motorcycle,fluorescent light
 Normal Picture	 Mute	Volume(check if mute is activated or if the audio system connections are not correct)
 No picture	 Mute	Power cord is not inserted Contrast and brightness/volume setup
 No colour	 Normal audio	Colour control
 Picture breaking up	 Normal audio or weak	Retune channel
 No colour	 Noise	TV system

The LCD TV panel is produced with very high precision technology giving you fine picture details in vibrant color. Occasionally, a few non-active pixels may appear on the screen as a fixed point of red, green, blue, black or white. Please note this does not affect the performance of the product.

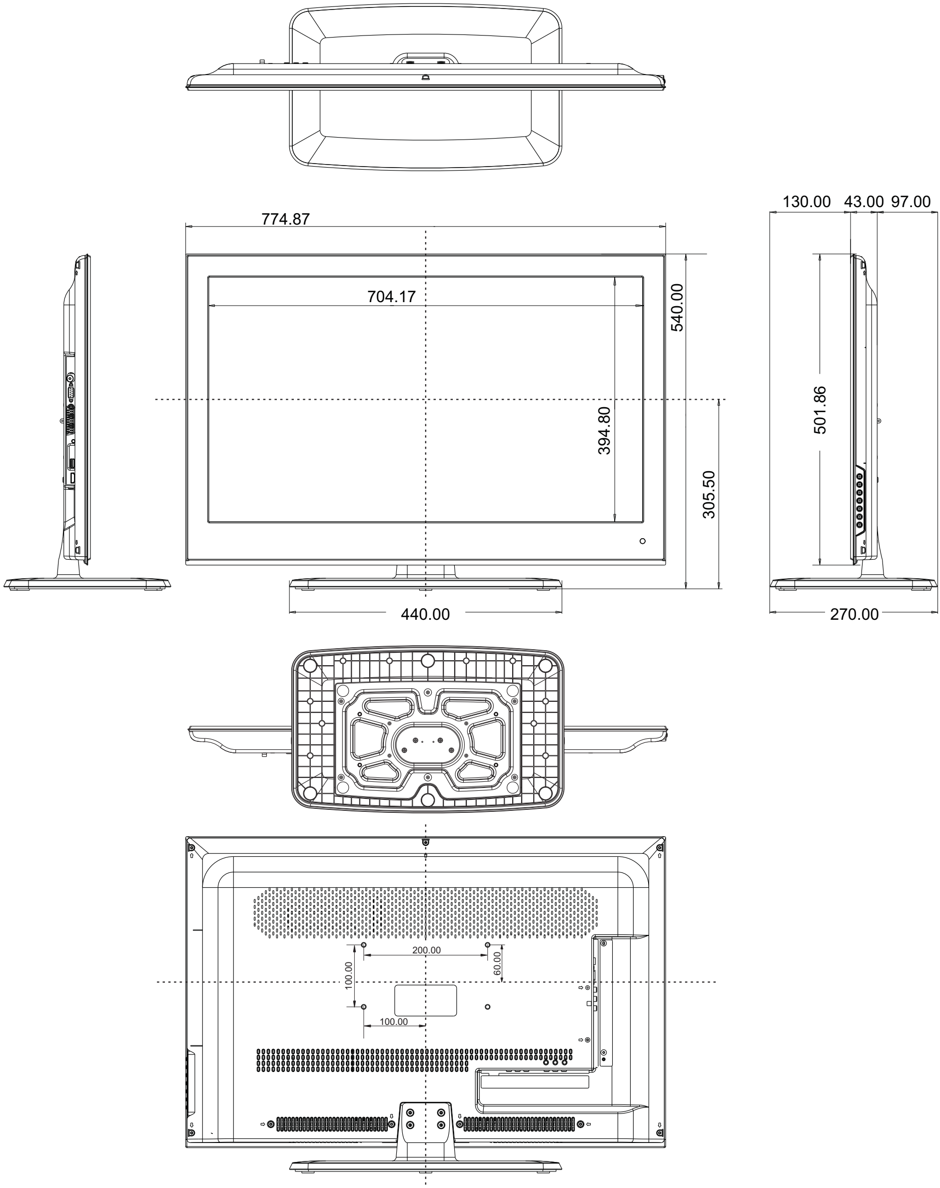
LC-19LE330H   Units:mm



LC-24LE330H Units:mm



LC-32LE330H Units:mm



Specifications

Model		LC-19LE330H	LC-24LE330H	LC-32LE330H
Size		19	24	32
Resolution		1366 x 768	1920 x 1080	1920 x 1080
Backlight System		LED		
TV System	Analogue	PAL-B/G, I, D/K, SECAM-B/G, D/K, NTSC-MN		
	Digital	DMB-T/H		
Receiving Channel	VHF/UHF	48MHz-858MHz		
Digital Terrestrial Broadcast		470MHz-858MHz		
TV-Tuning System		Auto Preset 99 CH		
Stereo System		NICAM: B/G, I, D/K, A2 Stereo: B/G		
Video Input		YPbPr, CVBS, VGA, HDMI		
Component		480i/p, 576i/p, 720p/50Hz, 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz		
HDMI		480i/p, 576i/p, 720p/50Hz, 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/24Hz, 1080p/50Hz, 1080p/60Hz		
Power Requirement		DC 12V, AC 110-240V, 50/60Hz		AC 110-240V, 50/60Hz
Power Consumption (Standby)		DC12V: 25W(0.3W)	DC12V: 35W(0.3W)	54W(0.5W)
Audio Output		2x3W		2x7.5W
Operating Temperature		0°C - 40°C		
Accessory		User manual, Remote control, Battery (AAA x 2), AC adapter (only for 19" / 24")		

* The specifications provided here are for reference only.
Differences may occur as product technology will be updated occassionally.
Design and specifications are subject to change without notice.

SHARP CORPORATION

PART NO.:4031C194215